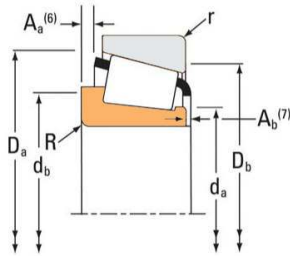
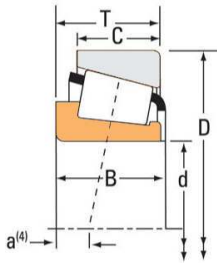




TYPE TS



Timken 29685 29622D Tapered roller bearing

Bearing No. 29685

29685 Bearing 2D drawings and 3D CAD models

Series	29600
Cone Part Number	29685
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	43300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	11200 lbf
d	2.8750 in
B - Cone Width	1.0000 in
R - Cone Backface To Clear Radius ³	0.14 in
da - Cone Frontface Backing Diameter	3.15 in
db - Cone Backface Backing Diameter	3.39 in
Ab - Cage-Cone Frontface Clearance	0.08 in
Aa - Cage-Cone Backface Clearance	0.08 in
a - Effective Center Location ⁴	0.04 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	6440 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	24800 lbf
C0 - Static Radial Rating	37200 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	5370 lbf
K - Factor ⁸	1.2
G1 - Heat Generation Factor (Roller-Raceway)	77.7
G2 - Heat Generation Factor (Rib-Roller End)	43.3
Cg - Geometry Factor	0.117